Application No.: <u>09/530,663</u>

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

X	 This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
	2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
	3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
х	4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
	5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
	6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
	7. Other:
Applicant Must Provide:	
x	An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
x	An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
x	A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).
Fo	r questions regarding compliance to these requirements, please contact:
Fo	r Rules Interpretation, call (703) 308-4216 r CRF Submission Help, call (703) 308-4212 tentIn Software Program Support (SIRA)
	Technical Assistance703-287-0200 To Purchase Patentin Software703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

RAW SEQUENCE LISTING

DATE: 02/16/2001

PATENT APPLICATION: US/09/530,663

TIME: 16:36:30

Input Set : A:\B0045591.txt

Output Set: N:\CRF3\02162001\1530663.raw

Does Not Comply

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Corrected Diskette Needed
       4 <110> APPLICANT: Chiang, Vincent Lee C.
                Tsai, Chung-Jui
                Hu, Wen-Jing
      8 <120> TITLE OF INVENTION: GENETIC ENGINEERING OF LIGNIN BIOSYNTHESIS IN PLANTS
     10 <130> FILE REFERENCE: 66040-9651
     12 <140> CURRENT APPLICATION NUMBER: 09/530,663
     13 <141> CURRENT FILING DATE: 2000-07-11
     15 <150> PRIOR APPLICATION NUMBER: PCT/US98/24138
     16 <151> PRIOR FILING DATE: 1998-11-12
     18 <150> PRIOR APPLICATION NUMBER: 08/969,046
     19 <151> PRIOR FILING DATE: 1997-11-12
     21 <160> NUMBER OF SEQ ID NOS: 17
     23 <170> SOFTWARE: Word 97 (DOS text format)
ERRORED SEQUENCES
                                                                         i is invalid in the sequence itself-use"n,"

31 instead,

and Aplain

28 in (2207-62237 section
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     563 <211> LENGTH: 31
     564 <212> TYPE: DNA
     565 <213> ORGANISM: Populus tremuloides Michx. (aspen)
567 <400> SEQUENCE: 9
E--> 568 ttggatccgg (ladiadiggi yttlcdiaarg g
570 <210> SEQ ID NO: 10
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     572 <212> TYPE: DNA
     573 <213> ORGANISM: Populus tremuloides Michx. (aspen)
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581 <213> ORGANISM: Populus tremuloides Michx. (aspen)

583 <400> SEQUENCE: 11

579 <211> LENGTH: 27 580 <212> TYPE: DNA

E--> 584 atgtcgaccij ckdatrcada tytcijcc 628 <210> SEQ ID NO: 17

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633 <400> SEQUENCE: 17

634 tctcaccaac c 11

27

E--> 640(1) E--> 643(2) delete at and of five

VERIFICATION SUMMARY DATE: 02/16/2001 PATENT APPLICATION: US/09/530,663 TIME: 16:36:31

Input Set : A:\B0045591.txt

Output Set: N:\CRF3\02162001\I530663.raw

L:568 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:6 L:576 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:3 L:584 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2 L:640 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:11 SEQ:17 M:254 Repeated in SeqNo=17